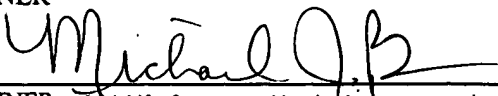


FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 501320.01		APPLICATION NO. 10/747,917	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT(S) Joseph M. Jeddeloh et al.			
				FILING DATE December 29, 2003		GROUP ART UNIT 2188	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
MOB	AA	5,638,534	06/10/97	Mote, Jr.	395	485	
MOB	AB	5,796,413	08/18/98	Shipp et al.	345	522	
MOB	AC	5,887,159	03/23/99	Burrows	395	567	
MOB	AD	6,031,241	02/29/00	Silfvast et al.	250	504 R	
MOB	AE	6,076,139	06/13/00	Welker et al.	711	104	
MOB	AF	6,092,158	07/18/00	Harriman et al.	711	151	
MOB	AG	6,128,703	10/03/00	Bourekas et al.	711	138	
MOB	AH	6,185,676 B1	02/06/01	Poplingher et al.	712	239	
MOB	AI	6,223,301 B1	04/24/01	Santeler et al.	714	6	
MOB	AJ	6,370,611 B1	04/09/02	Callison et al.	711	105	
MOB	AK	6,389,514 B1	05/14/02	Rokicki	711	136	
MOB	AL	6,433,785 B1	08/13/02	Garcia et al.	345	531	
MOB	AM	6,460,114 B1	10/01/02	Jeddeloh	711	120	
MOB	AN	6,496,193 B1	12/17/02	Surti et al.	345	552	
MOB	AO	6,526,483 B1	02/25/03	Cho et al.	711	154	
MOB	AP	6,647,470 B1	11/11/03	Janzen	711	154	
MOB	AQ	6,820,181 B2	11/16/04	Jeddeloh et al.	711	169	
MOB	AR	6,829,705 B2	12/07/04	Smith	713	1	
MOB	AS	6,889,304 B2	05/03/05	Perego et al.	711	170	
MOB	AT	2002/0178319 A1	11/28/02	Sanchez-Olea	710	305	
MOB	AU	2003/0227798 A1	12/11/03	Pax	365	189.12	
MOB	AV	2003/0229762 A1	12/11/03	Maiyuran et al.	711	137	
MOB	AW	2004/0019728 A1	01/29/04	Sharma	710	306	
MOB	AX	2005/0071542 A1	03/31/05	Weber et al.	711	105	

EXAMINER 	DATE CONSIDERED 5/18/06
---	----------------------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501320.01APPLICATION NO.
10/747,917

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)

Joseph M. Jeddeloh et al.

FILING DATE

December 29, 2003

GROUP ART UNIT

2188

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MOB	AA	6,134,624	10/10/00	Burns et al.	710	131	
MOB	AB	6,145,033	11/07/00	Chee	710	57	
MOB	AC	6,212,590 B1	04/03/01	Melo et al.	710	119	
MOB	AD	6,460,108 B1	10/01/02	McCoskey et al.	710	310	
MOB	AE	6,704,817 B1	03/09/04	Steinman et al.	710	100	
MOB	AF	2004/0064602 A1	04/01/04	George	710	22	
MOB	AG	2004/0122988 A1	06/24/04	Han et al.	710	5	
MOB	AH	2004/0158677 A1	08/12/04	Dodd	711	118	
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MOB	CA	WO 02/27499 A2	04/04/02	PCT				
	CB							

EXAMINER

Michael QB

DATE CONSIDERED

5/18/06

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).


FORM PTO-1449 (REV. 7-80) JUL 15 2004 OIPE PATENT TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 501320.01	APPLICATION NO. 10/747,917
	APPLICANT(S) Joseph M. Jeddeloh et al.			
	FILING DATE December 29, 2003		GROUP ART UNIT 2188	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MOB	AA	5,544,319	08/06/96	Acton et al.	395	200.07	
MOB	AB	5,822,255	10/13/98	Uchida	365	194	
MOB	AC	5,875,454	02/23/99	Craft et al.	711	113	
MOB	AD	6,033,951	03/07/00	Chao	438	253	
MOB	AE	6,079,008	06/20/00	Clery, III	712	11	
MOB	AF	6,186,400 B1	02/13/01	Dvorkis et al.	235	462.45	
MOB	AG	6,243,831 B1	06/05/01	Mustafa et al.	714	24	
MOB	AH	6,256,692 B1	07/03/01	Yoda et al.	710	104	
MOB	AI	6,392,653 B1	05/21/02	Malandain et al.	345	501	
MOB	AJ	6,438,668 B1	08/20/02	Esfahani et al.	711	165	
MOB	AK	6,636,110 B1	10/21/03	Ooishi et al.	327	565	
MOB	AL	6,681,292 B2	01/20/04	Creta et al.	711	119	
	AM						
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MOB	AU	"Free On-Line Dictionary of Computing" entry 'Flash Erasable Programmable Read-Only Memory, online May 17, 2004 [http://foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?flash+memory]
-----	----	---

EXAMINER 	DATE CONSIDERED 5/18/06
---	-----------------------------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80) INFORMATION DISCLOSURE STATEMENT <i>(Use separate sheets if necessary)</i>	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 501320.01	APPLICATION NO. 10/747,917
	APPLICANT(S) Joseph M. Jeddeloh et al.			
	FILING DATE December 29, 2003		GROUP ART UNIT 2188	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MOB	AA	4,707,823	11/17/87	Holdren et al.	370	1	
MOB	AB	5,241,506	08/31/93	Motegi et al.	365	210	
MOB	AC	5,243,703	09/07/93	Farmwald et al.	395	325	
MOB	AD	5,319,755	06/07/94	Farmwald et a.	395	325	
MOB	AE	5,355,391	10/11/94	Horowitz et al.	375	36	
MOB	AF	5,432,823	07/11/95	Gasbarro et al.	375	356	
MOB	AG	5,465,229	11/07/95	Bechtolsheim et al.	345	477	
MOB	AH	5,502,621	03/26/96	Schumacher et al.	361	760	
MOB	AI	5,566,325	10/15/96	Bruce, II et al.	395	494	
MOB	AJ	5,581,767	12/03/96	Katsuki et al.	395	800	
MOB	AK	5,606,717	02/25/97	Farmwald et al.	395	856	
MOB	AL	5,638,334	06/10/97	Farmwald et al.	365	230.03	
MOB	AM	5,819,304	10/06/98	Nilsen et al.	711	5	
MOB	AN	5,928,343	07/27/99	Farmwald et al.	710	104	
MOB	AO	5,973,935	10/26/99	Schoenfeld et al.	361	813	
MOB	AP	5,973,951	10/26/99	Bechtolsheim et al.	365	52	
MOB	AQ	6,029,250	02/22/00	Keeth	713	400	
MOB	AR	6,061,296	05/09/00	Ternullo, Jr., et al.	365	233	
MOB	AS	6,125,431	09/26/00	Kobayashi	711	154	
MOB	AT	6,175,571 B1	01/16/01	Haddock et al.	370	423	
MOB	AU	6,185,352 B1	02/06/01	Hurley	385	114	
MOB	AV	6,247,107 B1	06/12/01	Christie	711	216	
MOB	AW	6,294,937 B1	09/25/01	Crafts et al.	327	158	
MOB	AX	6,370,068 B2	04/09/02	Rhee	365	196	

EXAMINER

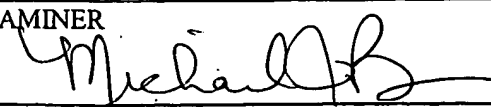
DATE CONSIDERED

5/18/06

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 501320.01		APPLICATION NO. 10/747,917	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT(S) Joseph M. Jeddelloh et al.			
				FILING DATE December 29, 2003		GROUP ART UNIT 2188	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	CLASS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MOB	AY	6,401,213 B1	06/04/02	Jeddelloh	713	401	
MOB	AZ	6,430,696 B1	08/06/02	Keeth	713	503	
MOB	BA	6,434,736 B1	08/13/02	Schaecher et al.	716	17	
MOB	BB	6,479,322 B2	11/12/02	Kawata et al.	438	109	
MOB	BC	6,490,188 B2	12/03/02	Nuxoll et al.	365	63	
MOB	BD	6,629,220 B1	09/30/03	Dyer	711	158	
MOB	BE	6,646,929 B1	11/11/03	Moss et al.	365	194	
MOB	BF	6,662,304 B2	12/09/03	Keeth et al.	713	400	
MOB	BG	6,667,895 B2	12/23/03	Jang et al.	365	63	
MOB	BH	6,721,195 B2	04/13/04	Brunelle et al.	365	63	
MOB	BI	6,724,685 B2	04/20/04	Braun et al.	365	233	
MOB	BJ	6,735,679 B1	05/11/04	Herbst et al.	711	167	
MOB	BK	6,745,275 B2	06/01/04	Chang	710	305	
MOB	BL	6,751,703 B2	06/15/04	Chilton	711	113	
MOB	BM	6,756,661 B2	06/29/04	Tsuneda et al.	257	673	
MOB	BN	6,771,538 B2	08/03/04	Shukuri et al.	365	185.05	
MOB	BO	6,792,059 B2	09/14/04	Yuan et al.	375	354	
MOB	BP	6,799,246 B1	09/28/04	Wise et al.	711	117	
MOB	BQ	6,804,764 B2	10/12/04	LaBerge et al.	711	170	
MOB	BR	6,816,947 B1	11/09/04	Huffman	711	151	
MOB	BS	2003/0043158 A1	03/06/03	Wasserman et al.	345	545	
MOB	BT	2003/0093630 A1	05/15/03	Richard et al.	711	154	
MOB	BU	2003/0163649 A1	08/28/03	Kapur et al.	711	146	
MOB	BV	2003/0177320 A1	09/18/03	Sah et al.	711	158	

EXAMINER 	DATE CONSIDERED 5/18/06
---	----------------------------

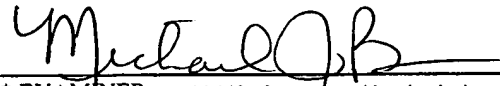
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 501320.01	APPLICATION NO. 10/747,917		
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT(S) Joseph M. Jeddloh et al.			
				FILING DATE December 29, 2003		GROUP ART UNIT 2188	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MOB	BW	2003/0193927 A1	10/16/03	Hronik	370	351	
MOB	BX	2004/0022094 A1	02/05/04	Radhakrishnan et al.	365	200	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MOB	BY	WO 93/19422	09/30/93	PCT				
MOB	BZ	0 849 685 A2	06/24/98	EP				

OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
	CA

EXAMINER 	DATE CONSIDERED 5/18/06
---	-----------------------------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501320.01APPLICATION NO.
10/747,917

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)

Joseph M. Jeddelloh

FILING DATE

December 29, 2003

GROUP ART UNIT

2188

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MOB	AA	5,818,844	10/06/98	Singh et al.	370	463	
MOB	AB	6,272,609	08/07/01	Jeddelloh	711	169	
MOB	AC	6,477,592	11/05/02	Chen et al.	710	52	
MOB	AD	6,462,978	10/08/02	Shibata et al.	365	63	
MOB	AE	6,523,092	02/18/03	Fanning	711	134	
MOB	AF	6,523,093	02/18/03	Bogin et al.	711	137	
MOB	AG	6,622,227	09/16/03	Zumkehr et al.	711	167	
MOB	AH	6,631,440	10/07/03	Jenne et al.	711	105	
MOB	AI	2002/0144064	10/03/02	Fanning	711	144	
MOB	AJ	2003/0005223	01/02/03	Coulson et al.	711	118	
MOB	AK	2003/0229770	12/11/03	Jeddelloh	711	213	
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

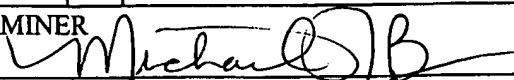
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AR							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MOB	AS	Intel, "Intel 840 Chipset: 82840 Memory Controller Hub (MCH)", Datasheet, October 1999, pp. 1-178.						
-----	----	--	--	--	--	--	--	--

EXAMINER



DATE CONSIDERED

5/18/06

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 501320.01	APPLICATION NO. Not yet assigned
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		APPLICANT(S) Joseph M. Jeddeloh et al.	
		FILING DATE Concurrently herewith	GROUP ART UNIT Not yet assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MOB	AA	5,251,303	10/05/93	Fogg, Jr. et al.	395	275	
MOB	AB	5,432,907	07/11/95	Picazo, Jr. et al.	395	200	
MOB	AC	5,442,770	08/15/95	Barratt	395	403	
MOB	AD	5,497,476	03/05/96	Oldfield et al.	395	439	
MOB	AE	5,659,798	08/19/97	Blumrich et al.	395	846	
MOB	AF	5,875,352	02/23/99	Gentry et al.	395	843	
MOB	AG	6,061,263	05/09/00	Boaz et al.	365	51	
MOB	AH	6,067,262	05/23/00	Irrinki et al.	365	201	
MOB	AI	6,073,190	06/06/00	Rooney	710	56	
MOB	AJ	6,105,075	08/15/00	Ghaffari	710	5	
MOB	AK	6,137,709	10/24/00	Boaz et al.	365	51	
MOB	AL	6,144,587	11/07/00	Yoshida	365	189.05	
MOB	AM	6,167,465	12/26/00	Parvin et al.	710	22	
MOB	AN	6,167,486	12/26/00	Lee et al.	711	120	
MOB	AO	6,201,724 B1	03/13/01	Ishizaki et al.	365	49	
MOB	AP	6,233,376 B1	05/15/01	Updegrove	385	14	
MOB	AQ	6,243,769 B1	06/05/01	Rooney	710	56	
MOB	AR	6,246,618 B1	06/12/01	Yamamoto et al.	365	200	
MOB	AS	6,285,349 B1	09/04/01	Smith	345	147	
MOB	AT	6,301,637 B1	10/09/01	Krull et al.	711	112	
MOB	AU	6,327,642 B1	12/04/01	Lee et al.	711	120	
MOB	AV	6,330,205 B2	12/11/01	Shimizu et al.	365	230.06	
MOB	AW	6,347,055 B1	02/12/02	Motomura	365	189.05	

EXAMINER

Michael J. B.

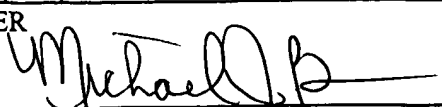
DATE CONSIDERED

5/18/06

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 501320.01	APPLICATION NO. Not yet assigned	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT(S) Joseph M. Jeddelloh et al.		
				FILING DATE Concurrently herewith		GROUP ART UNIT Not yet assigned

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MOB	AX	6,349,363 B2	02/19/02	Cai et al.	711	129	
MOB	AY	6,356,573 B1	03/12/02	Jonsson et al.	372	46	
MOB	AZ	6,367,074 B1	04/02/02	Bates et al.	717	11	
MOB	BA	6,373,777 B1	04/16/02	Suzuki	365	230.03	
MOB	BB	6,381,190 B1	04/30/02	Shinkai	365	230.03	
MOB	BC	6,421,744 B1	07/16/02	Morrison et al.	710	22	
MOB	BD	6,434,639 B1	08/13/02	Haghighi	710	39	
MOB	BE	6,463,059 B1	10/08/02	Movshovich et al.	370	389	
MOB	BF	6,470,422 B2	10/22/02	Cai et al.	711	129	
MOB	BG	6,473,828 B1	10/29/02	Matsui	711	104	
MOB	BH	6,477,614 B1	11/05/02	Leddige et al.	711	5	
MOB	BI	6,477,621 B1	11/05/02	Lee et al.	711	120	
MOB	BJ	6,496,909 B1	12/17/02	Schimmel	711	163	
MOB	BK	6,505,287 B2	01/07/03	Uematsu	711	170	
MOB	BL	6,539,490 B1	03/25/03	Forbes et al.	713	401	
MOB	BM	6,552,564 B1	04/22/03	Forbes et al.	326	30	
MOB	BN	6,587,912 B2	07/01/03	Leddige et al.	711	5	
MOB	BO	6,590,816 B2	07/08/03	Perner	365	200	
MOB	BP	6,594,713 B1	07/15/03	Fuoco et al.	710	31	
MOB	BQ	2002/0112119 A1	08/15/02	Halbert et al.	711	115	
MOB	BR	2003/0043426 A1	03/06/03	Baker et al.	359	109	
	BS						
	BT						
	BU						

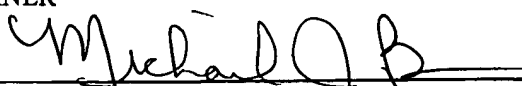
EXAMINER 	DATE CONSIDERED 5/18/06
---	-----------------------------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 501320.01		APPLICATION NO. Not yet assigned	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT(S) Joseph M. Jeddeloh et al.			
				FILING DATE Concurrently herewith		GROUP ART UNIT Not yet assigned	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BV							
	BW							
	BX							
	BY							

OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
MSB	BZ	Micron Technology, Inc., "Synchronous DRAM Module 512MB/1GB (x72, ECC) 168-PIN Registered FBGA SDRAM DIMM, Micron Technology, Inc., 2002, pp. 1-23.
	CA	
	CB	
	CC	
	CD	
	CE	
	CF	
	CG	
	CH	

EXAMINER 	DATE CONSIDERED 5/18/06
---	-----------------------------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).